



Overall Data				Steering System		
Bucket Capacity (m3)			1.05	Type	Hydraulic Load Sensor System	
Rated Payload (kg)			1800	Cylinders-Bore × Stroke (mm)		2-63×280
Operating Weight (kg)			5600	Steering Pump		Shared With Working Pump
Traction Force (kN)			53	System Pressure (MPa)		14
Breakout Force (kN) Max. Travel Speeds (km /h): 52				Steering Angle		±35 °
	I	II		Hydraulic System		
Forward	7.4	20.8		Lift Cylinders-Bore × Stroke (mm)		2-90×610
Reverse	7.2	20.4		Tilt Cylinder-Bore × Stroke (mm)		1-100 × 387
Engine		YTO YT4B3-24		Working Pump		Gear Pump
Rated Power (kW/rpm)			63/2400	Flow Rate (L/min/RPM)		120/2400
Rated Torque (Nm/rpm) Starting Voltage (V)			275/1680-1800 24	System Pressure (MPa)		16
Drive Train				Hydraulic Cycle Time, Rated Load in Bucket (In		

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			Second):				
Torque Converter		Single-stage, Single-turbine, 3-element		Raise(Loaded)	Dump	Lower(Em pty)	Total
Torque Ratio		3.7		4.9	0.8	3.7	9.4
Transmission		Fixed Shaft Hydraulic Shift Spur Gear		Electrical System			
Gear		2F/2R		System Voltage (V)			24
Pressure of Transmission (MPa)			1.2-1.5	Battery(2 in series) (Ah)			180
Main Reducer		Spiral Bevel Gear Single-stage Reduction		Lamp Voltage (V)			24
Final Reducer		Planetary Reduction		Service Refill Capacity			
Tire		16/70-20		Fuel Tank (L)			80
Brake System				Hydraulic Tank (L)			80
Service Brake		Air Drive, Four Wheel Brake (Dry)		Transmission (L)			18
				Front Axle (L) / Rear Axle (L)			12/12
				Air Conditioning System (Optional)			
Setting Pressure (MPa) Parking & Emergency Brake		0.78 Flexible Shaft Controlled Caliper		Heating Capacity (W)			5800 (±10%)
				Cooling Capacity (W)			4500 (±10%)

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